

## Joint Command, Control, Communications and Computer (C4) Strategic Vision

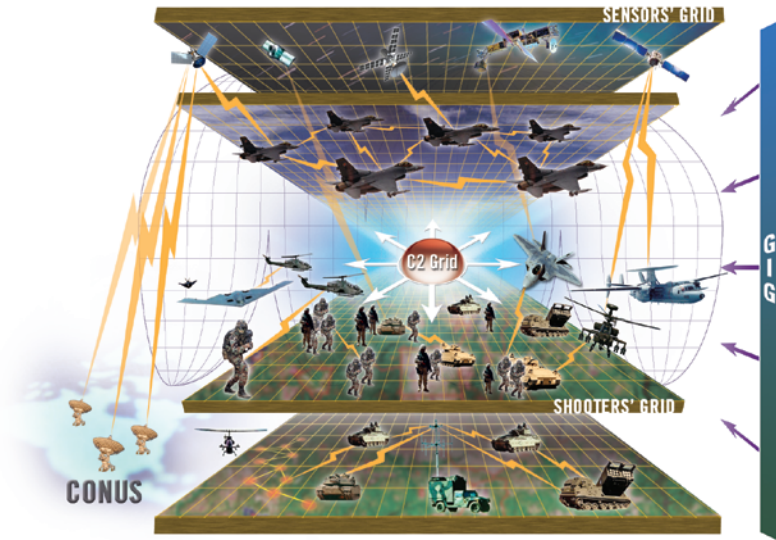
Develop integrated joint, multinational and interagency C4 networked architectures and field robust, scalable solutions and processes, including trained personnel to enable Decision Superiority and Full Spectrum Dominance within the battlespace.

### Guiding Principles and Tenets

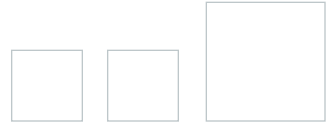
- The GIG must enforce the use of DOD standards for all networked systems.
- The GIG must enable seamless operation and collaboration in joint, multinational, and interagency environments.
- Every battlespace entity is a potential node.
- All systems, networks, platforms, and sensors must be deployed with “net-ready” security and interoperability capabilities.
- Network Operations (NetOps) and Information Assurance (IA) are critical to effective network centric operations.
- A “born joint” and “deploy joint” approach to networking itself must be implemented by improving the way we design, acquire, test, certify, operate and manage our networks. Agility must replace specific threats as the overarching design goal.
- Personnel training, education, and cultural adaptability are as critical to success as are investments in information technology.

### Joint C4 Goals

- Transform joint, multinational, and interagency C4 warfighting capabilities to maximize combat effectiveness.



- ☐ Expanding information sharing to improve joint, interagency, and multinational efforts (including support to homeland defense/homeland security).
- ☐ Implementing a communications infrastructure to enable Network Centric Operations – assure seamless, robust, survivable and secure C4 capabilities for the Joint Force.
- ☐ Enhancing information assurance through policies, procedures, technologies and training, and provide secure cross-domain solutions.
- ☐ Exercising and refining the Joint GIG NetOps Concept of Operations (CONOPS).
- Develop a rapidly deployable joint warfighting capability for joint Command and Control.
- Develop highly trained C4 personnel, capable of planning, defending and operating joint, multinational and interagency C4 networks.
- Ensure all facets of joint C4 resourcing (doctrine, organization, training, materiel, leadership, personnel and facilities (DOTMLPF)) are synchronized and integrated to maximize Joint Force capabilities.



## Secretary of Defense

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**Donald H. Rumsfeld**

"US forces must leverage information technology and innovative network centric concepts of operations to develop increasingly capable Joint Forces. New information and communications technologies hold promise for networking highly distributed joint and multinational forces..."